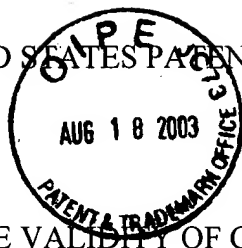


IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Natkin et al.  
Serial No. : 09/680,155  
Filed : October 3, 2000  
Title : TRACKING THE VALIDITY OF CACHE FRAMES IN DIGITAL MOVIE EDITING



#8

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

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Technology Center 2100

TRANSMITTAL LETTER

The following correspondence relating to this application is enclosed:

- Power of Attorney by Assignee.

No fee is believed to be due. If, however, there are any charges or credits, please apply them to Deposit Account No. 06-1050.

Respectfully submitted,

Date:

August 14, 2003

A handwritten signature in black ink, appearing to read "Tim H. Pham".

Tim H. Pham  
Reg. No. 48,589

Fish & Richardson P.C.  
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Telephone: (650) 839-5070  
Facsimile: (650) 839-5071

50169397.doc

CERTIFICATE OF MAILING BY FIRST CLASS MAIL

I hereby certify under 37 CFR §1.8(a) that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage on the date indicated below and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

August 14, 2003

Date of Deposit

A handwritten signature in black ink, appearing to read "Carlos A. Brasil".

Signature

Carlos A. Brasil

Typed or Printed Name of Person Signing Certificate



POWER OF ATTORNEY BY ASSIGNEE  
Attorney Docket No. 07844-479001  
Client Ref. No. P443

IN THE U.S. PATENT AND TRADEMARK OFFICE

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AUG 20 2003

Inventors: Michael Natkin and David P. Simons

Application Serial No.: 09/680,155

Filed: October 3, 2000

For: TRACKING THE VALIDITY OF CACHE FRAMES IN DIGITAL MOVIE EDITING

Technology Center 2100

**POWER OF ATTORNEY BY ASSIGNEE AND ELECTION OF ASSIGNEE  
TO CONDUCT PROSECUTION TO EXCLUSION OF INVENTOR(S) UNDER 37 C.F.R. §3.71, *et seq.***

The undersigned, as authorized representative of the assignee of the entire right, title and interest in the above-identified application, hereby appoints the practitioners associated with the Customer Number provided below to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith with full powers of substitution and revocation, said appointment to be to the exclusion of the inventor(s) and his/their attorney(s) in accordance with the provisions of 37 C.F.R. §3.71, *et seq.* of the Patent Office Rules of Practice, and directs that all correspondence be addressed to that Customer Number:

**Customer Number 021876**

Ownership is in the assignee, Adobe Systems Incorporated, a Delaware corporation having a place of business at 345 Park Avenue, San Jose, California 95110, by virtue of an assignment from the inventor(s) of the patent application described above.

- ☐ An assignment from the inventor(s) is filed herewith.
- ☒ An assignment from the inventor(s) to Adobe Systems Incorporated was recorded in the Patent and Trademark Office at Reel 011415 Frame 0963 on January 8, 2001.
- ☐ An assignment from Assignor \_\_\_\_\_ to Assignee \_\_\_\_\_ was recorded in the Patent and Trademark Office at Reel \_\_\_\_\_ Frame \_\_\_\_\_ on \_\_\_\_\_.
- ☐ An assignment from Assignor \_\_\_\_\_ to Assignee \_\_\_\_\_ was recorded in the Patent and Trademark Office at Reel \_\_\_\_\_ Frame \_\_\_\_\_ on \_\_\_\_\_.

The undersigned has reviewed all the documents in the chain of title of the patent application identified above and, to the best of undersigned's knowledge and belief, title is in the assignee identified above.

The undersigned, whose title is supplied below, is empowered to act on behalf of the assignee.

Please direct all communications regarding the application to **Customer Number 021876**.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements are made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patents issued thereon.

Signature: Peter F. Ullmann

Date: 3-14-02

Printed Name: Peter F. Ullmann

Title: Patent Programs Manager of

Assignee: Adobe Systems Incorporated